

Please type a plus sign (+) inside this box → +

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

IDS FORM		Application Number	10/549,389	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	September 14, 2005	
		First Named Inventor	Shigeru KANAOKA	
		Group Art Unit	1637	
		Examiner Name	Suchira PANDE	
Sheet	1	2	Attorney Docket Number	

JAN 28 2008  
PATENT & TRADEMARK OFFICE

## U.S. PATENT DOCUMENTS

Exam. Inits <sup>1</sup>	Cite No <sup>2</sup>	Document Number	Kind Code <sup>3</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

## FOREIGN PATENT DOCUMENTS

Exam. Inits <sup>1</sup>	Cite No <sup>2</sup>	Offc <sup>4</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
/S.P./ ↓ /S.P./		WO	2007/018257	A1	HAMAMATSU FOUNDATION FOR SCIENCE AND TECHNOLOGY PROMOTION	02-15-2007		a
		WO	2005/019827	A1	JAPAN SCIENCE AND TECHNOLOGY AGENCY	03-03-2005		a
		JP	2002-142767	A	FUJIREBIO INC	05-21-2002		a
		WO	2000/63358	A1	NAIR PADMANABHAN P	10-26-2000		
		EP	1 674 869	A1	JAPAN SCIENCE AND TECHNOLOGY AGENCY	06-28-2006		b

Examiner Signature	/Suchira Pande/	Date Considered	05/11/2009
-----------------------	-----------------	--------------------	------------

\* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

DATE: JANUARY 28, 2008

a ENGLISH-LANGUAGE ABSTRACT ENCLOSED.

b EP 1 674 869 is a related family member of WO 2005/010827

Please type a plus sign (+) inside  
this box →

+  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

IDS FORM				Application Number	10/549,389
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	September 14, 2005
				First Named Inventor	Shigeru KANAKA
				Group Art Unit	1637
				Examiner Name	Suchira PANDE
Sheet	2	of	2	Attorney Docket Number	05596/HG

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>3</sup>
/S.P./  ↓  /S.P./	KANAKA S. et al.. "Potential Usefulness of Detecting cyclooxygenase 2 Messenger RNA in Feces for Colorectal Cancer Screening," <u>Gastroenterology</u> , (2004), Vol. 147, No. 2, pp. 422-427.  NOSHIO K. et al., "Association of Ets-related transcriptional factor Elaf expression with overexpression of matrix metalloproteinases, COX-2 and iNOS in the early stage of colorectal carcinogenesis," <u>Carcinogenesis</u> , (2005), Vol. 26, No. 5, pp. 892-899.  BORDERFIELD W.M. et al., "Increased expression of Elaf-F, MMP-7, and COX-2 in human colorectal cancer," <u>Proceedings of the American Association for Cancer Research Annual Meeting</u> , (2002), Vol. 43, p. 730, #3623.  LI X. et al., "Co-Expression of Matrix Metalloproteinase-7 and Cyclooxygenase-2 in Human Colorectal Carcinoma," <u>Proceedings of the American Association for Cancer Research Annual Meeting</u> , (2002), Vol. 42 , p. 614, #3302.  DE CRAENE B. et al., "The Transcription Factor Snail Induces Tumor Cell Invasion through Modulation of the Epithelial Cell Differentiation Program," <u>Cancer Research</u> , (2005), Vol. 65, No. 14, pp. 6237-6244.  ROY H.K. et al., "The Transcriptional Repressor SNAIL Is Overexpressed in Human Colon Cancer," <u>Digestive Diseases and Sciences</u> , (2005), Vol. 50, No. 1, pp. 42-46.  DUTTA S.K. et al., "Noninvasive Detection of Colorectal Cancer by Molecular tools: Coming of Age," <u>Gastroenterology</u> , (1998), Vol. 114, No. 6, pp. 1333-1335.  KANEMOTO S. et al., "Funbenchi no COX-2 mRNA o Hyoteki ni shita Daichoganshindan Kenshin no Kanose ni Tsuite," <u>Nippon Shokaki Shudan Kenshin Gakkai Zasshi</u> , (2004), Vol. 42, No. 2, p. 58 (S3-3).	c c c d	
Examiner Signature	/Suchira Pande/	Date Considered	05/11/2009

\* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Place a check here if English translation is attached.

DATE: JANUARY 28, 2008

c ABSTRACT ONLY

d ENGLISH-LANGUAGE TRANSLATION ENCLOSED